

What is claimed is:

1. A mirror diagonal, comprising:

5 a housing including a bottom seat, a first slant
face having a first tube mounting hole provided
thereon, a second slant face having a second tube
mounting hole provided thereon, and two open lateral
sides;

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two sealing covers mounted to said two open lateral
sides to seal the same;

15 a first tube mounted in said first tube mounting
hole on said first slant face of said housing;

a second tube mounted in said second tube mounting
hole on said second slant face of said housing; and

20 a reflection mirror mounted on said bottom seat in
said housing.

25 2. The mirror diagonal as claimed in claim 1, wherein
said housing is made of an extruded aluminum tube.

3. The mirror diagonal as claimed in claim 1, wherein

said housing is provided at least on said first slant face at predetermined positions thereof with a plurality of screw holes via which locating screws are extended into said first tube mounting hole to
5 press against an outer peripheral surface of said first tube.

4. The mirror diagonal as claimed in claim 3, wherein said first tube is provided at a rear end with a
10 flared neck portion adapted to fitly mount in said first tube mounting hole.

5. The mirror diagonal as claimed in claim 4, wherein said locating screws extended through said screw
15 holes into said first tube mounting hole are pressed against an outer peripheral surface of said flared neck portion of said first tube.

6. A method of manufacturing mirror diagonal,
20 comprising the steps of:

a. preparing an extruded aluminum tube having a predetermined cross-sectional shape to provide a bottom seat, a first slant face, and a second
25 slant face;

- b. transversely cutting said extruded aluminum tube to provide a plurality of small sections having a predetermined length and two open lateral sides, such that each of said small sections provides a housing for said mirror diagonal;
- c. processing each said housing in predetermined manners;
- d. adhering a reflection mirror to said bottom seat in each said housing;
- e. sealing said two open lateral sides of each said housing with two sealing covers;
- f. mounting a first tube on said first slant face; and
- g. mounting a second tube on said second slant face.
7. The method of manufacturing mirror diagonal as claimed in claim 6, wherein said processing step includes at least cutting first and second tube mounting holes on said first and second slant faces, respectively, drilling locating screw holes on at least said first slant face into said first tube

mounting hole thereon, and drilling side screw holes on said two open lateral sides and mounting holes on said sealing covers.

5 8. The method of manufacturing mirror diagonal as
claimed in claim 7, wherein said first and said second
tube are mounted in said first and said second tube
mounting hole on said first and said second slant
face, respectively; at least said first tube is held
10 in place in said first tube mounting hole by threading
locating screws into said locating screw holes to
press against an outer peripheral surface of said
first tube; and said sealing covers are connected
to said open lateral sides by extending sealing
15 screws through said mounting holes on said sealing
covers into said sealing screw holes on said housing.